

FIG. 1a

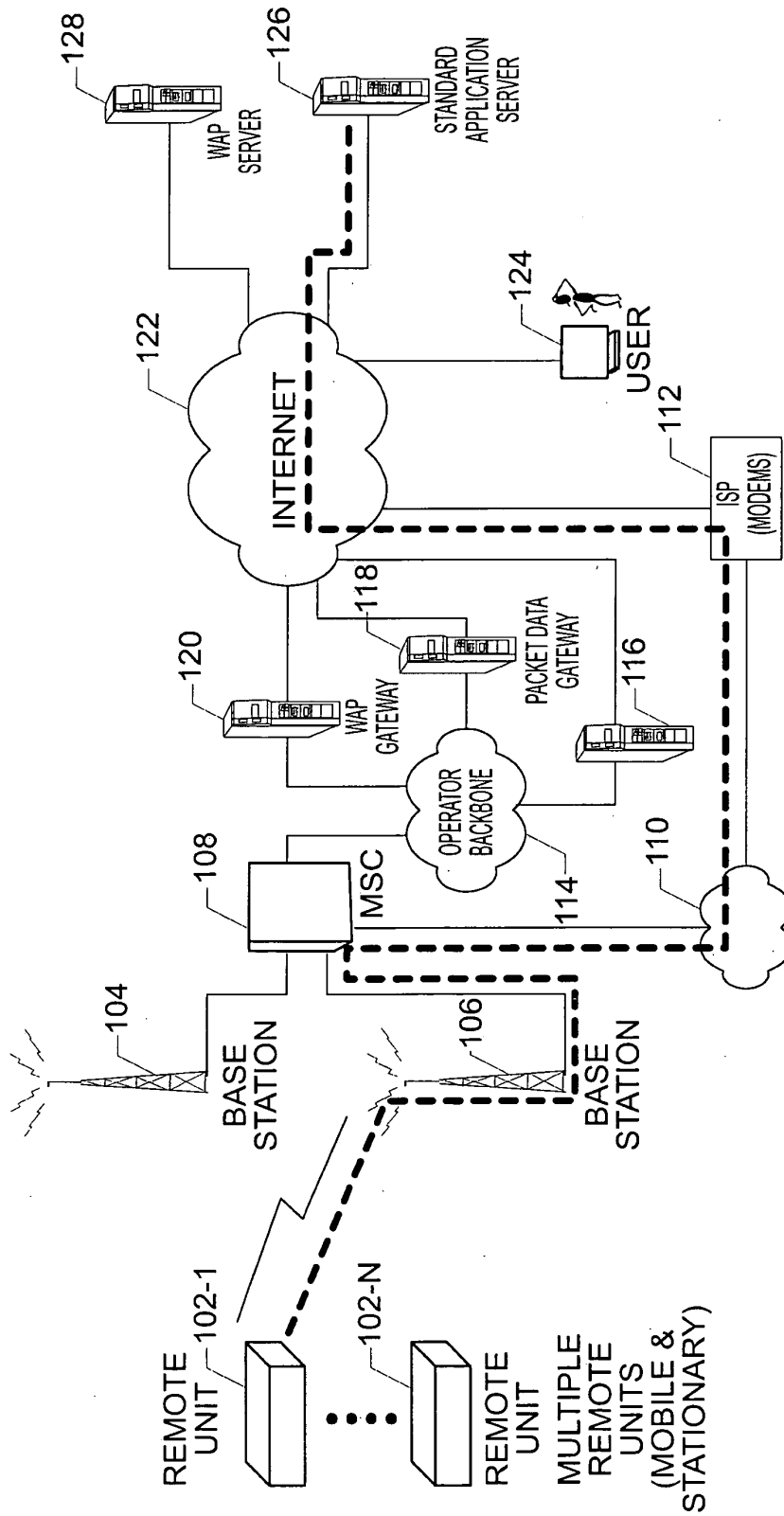


FIG. 1b

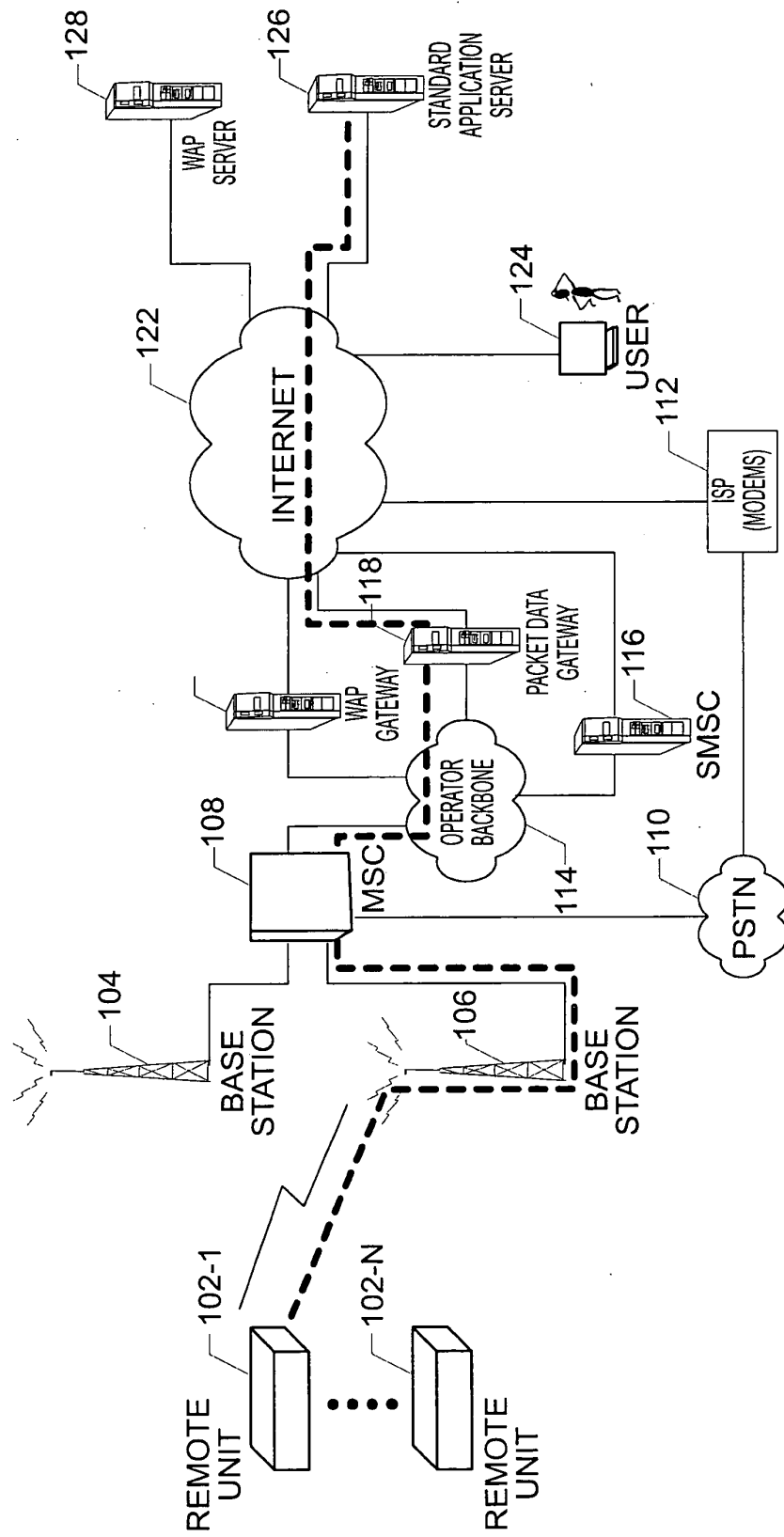


FIG. 1c

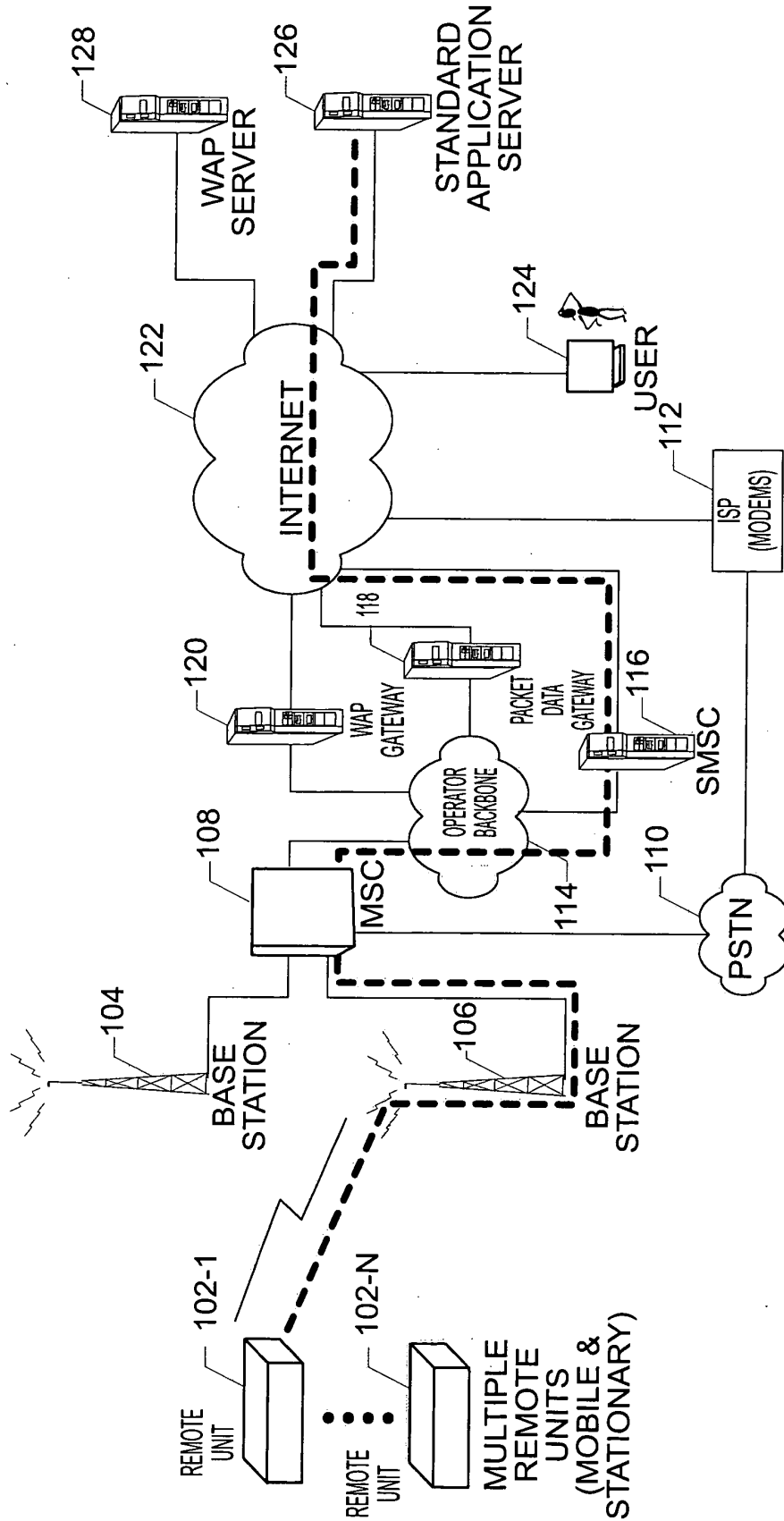


FIG. 1d

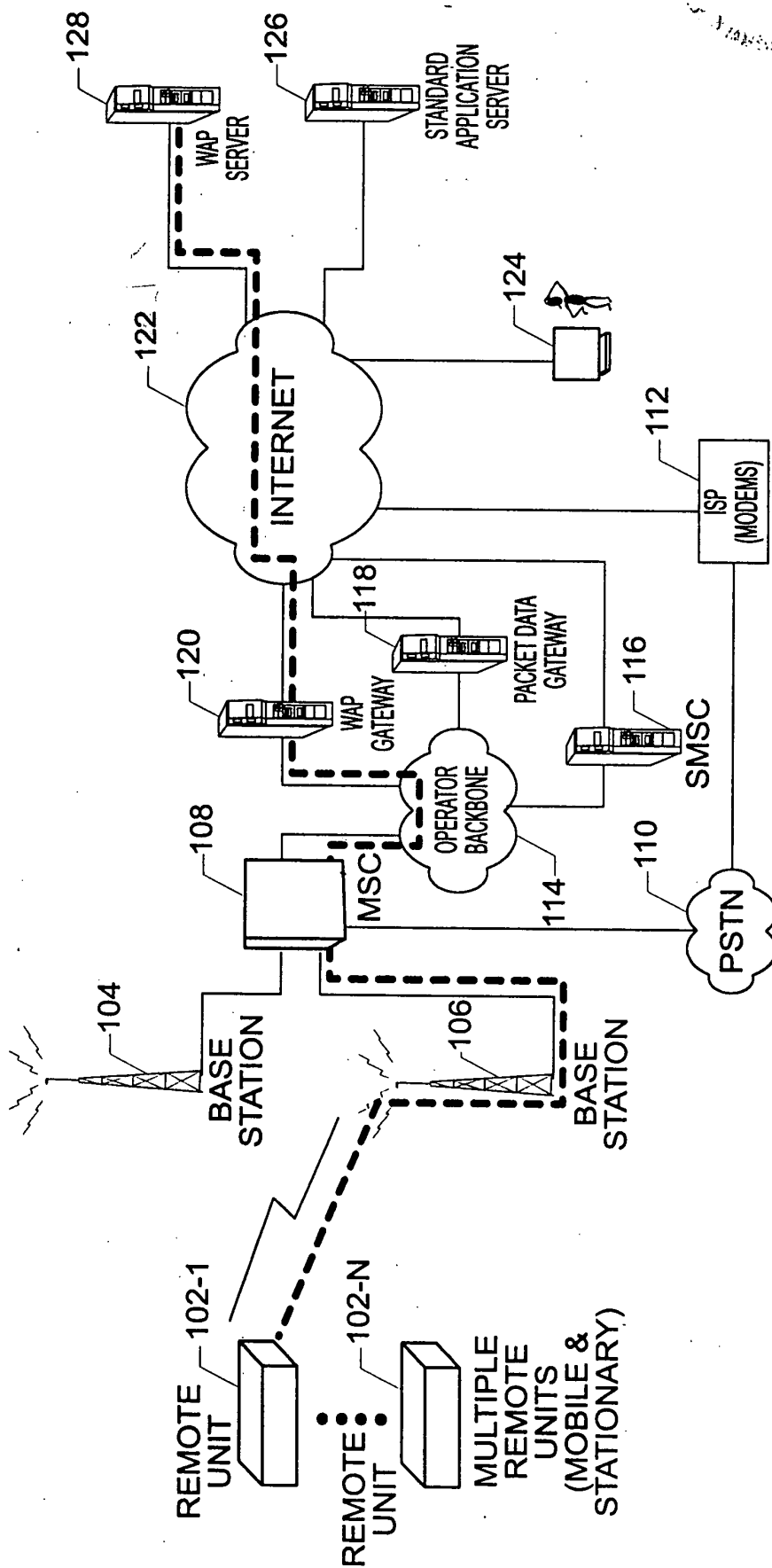


FIG. 1e

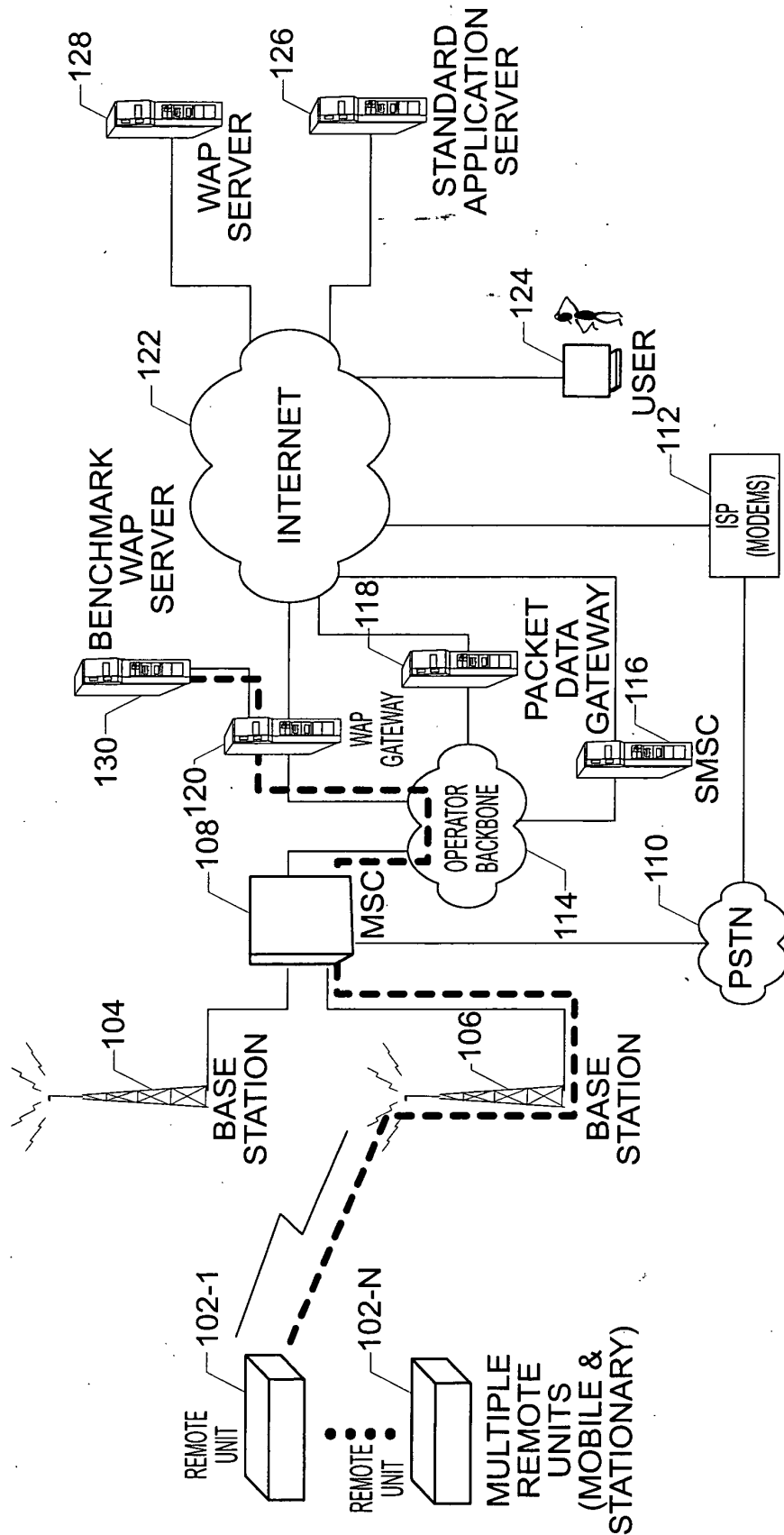


FIG. 1f

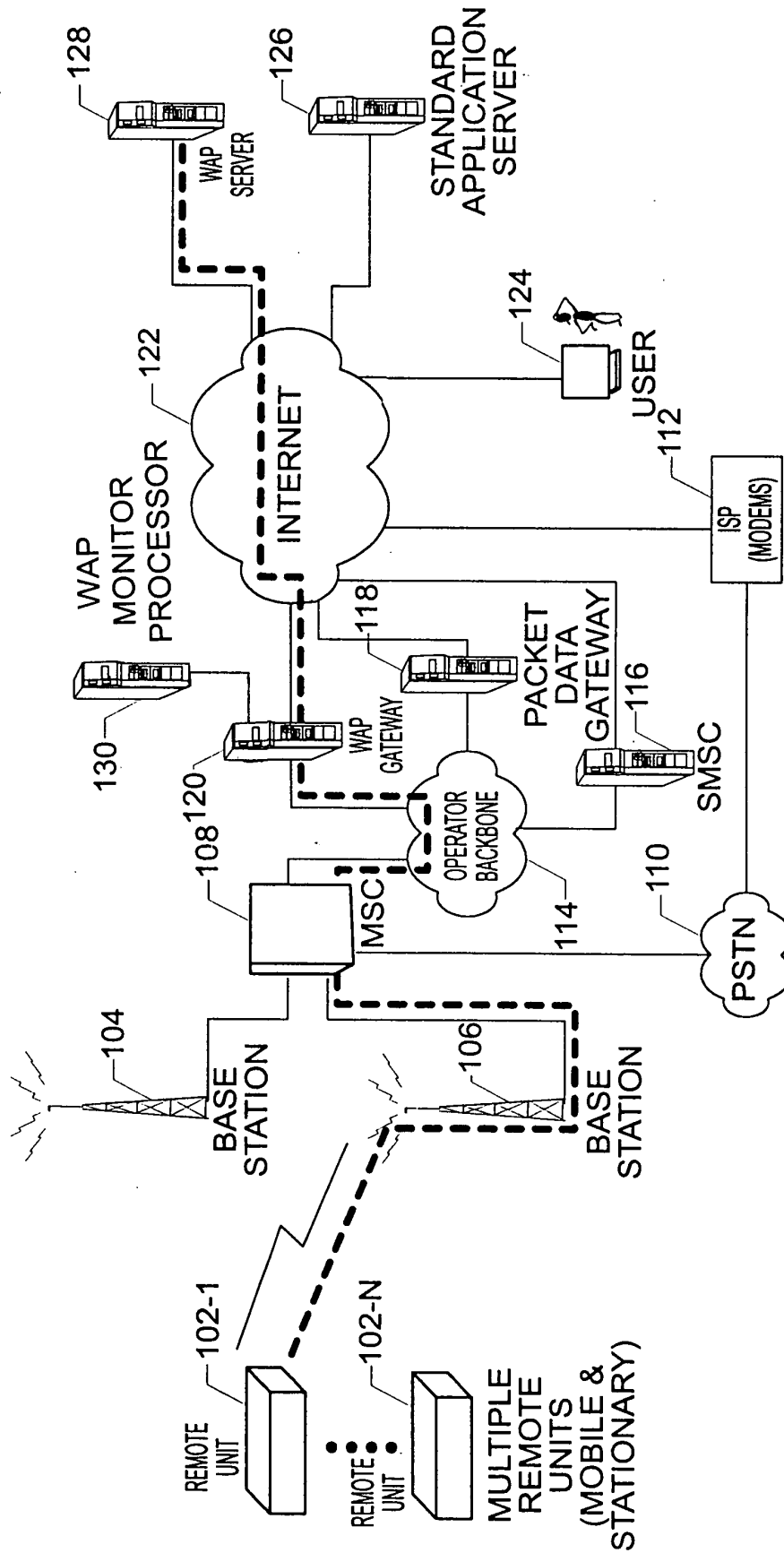


FIG. 19

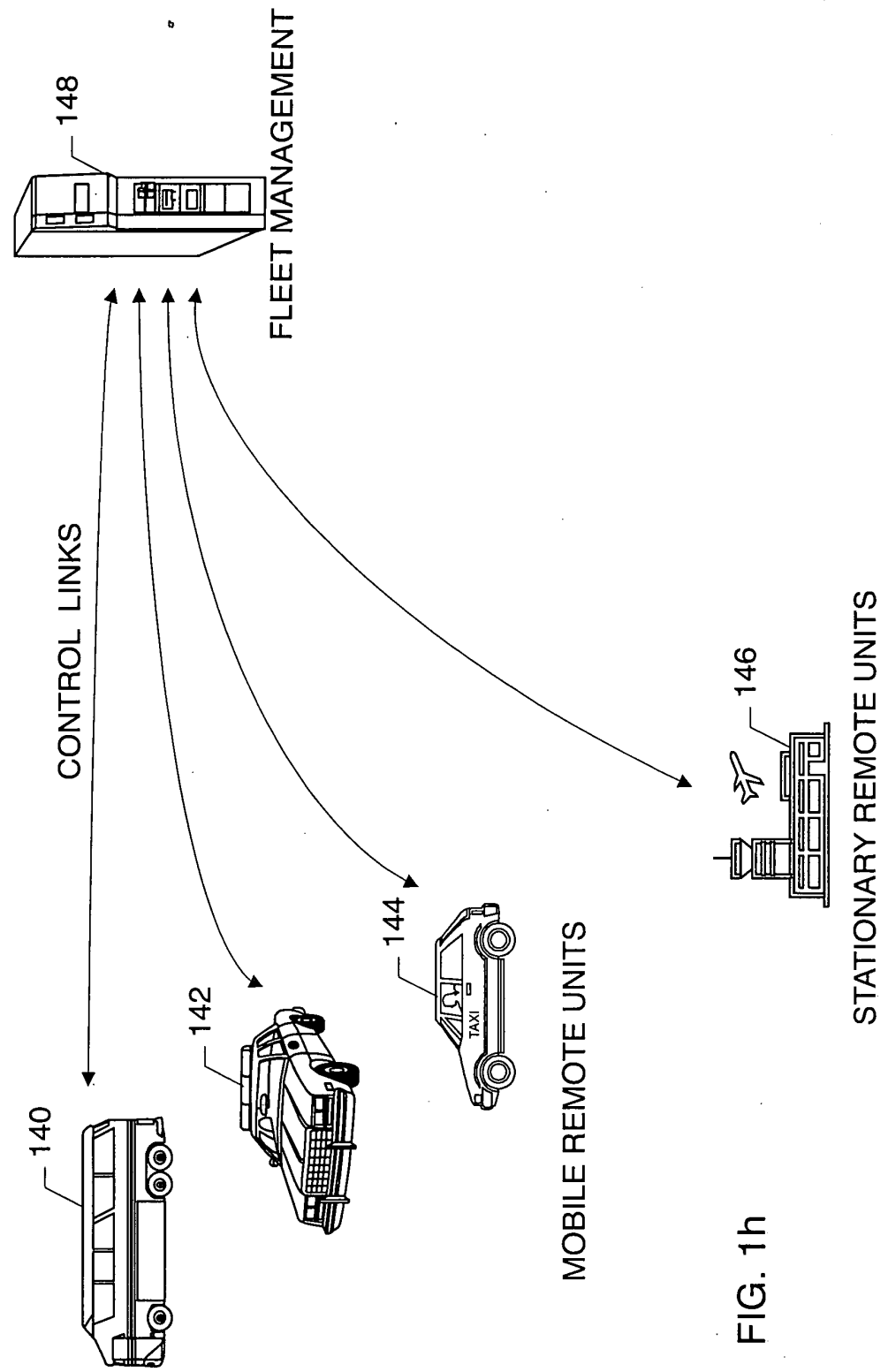


FIG. 1h

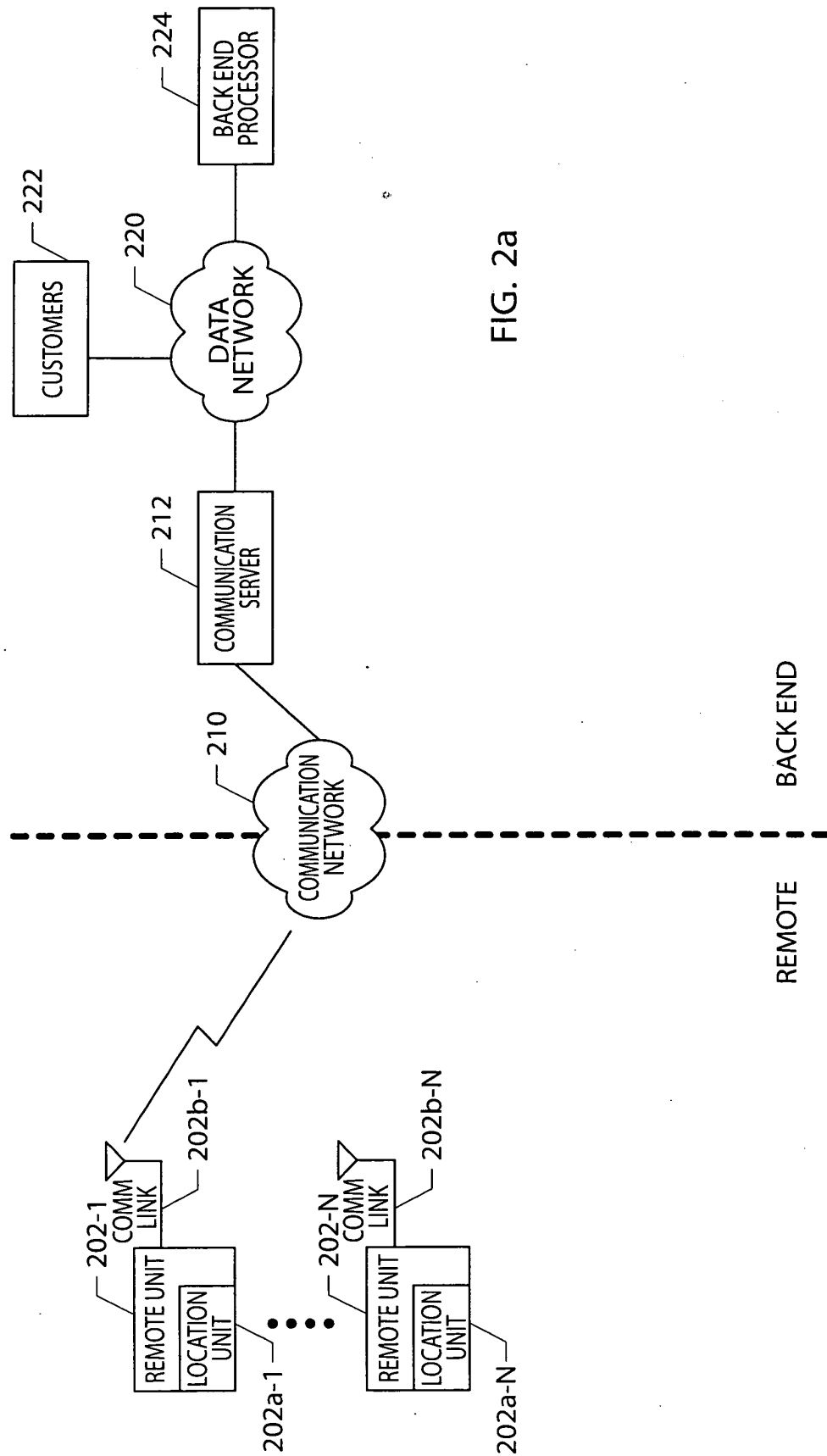


FIG. 2a

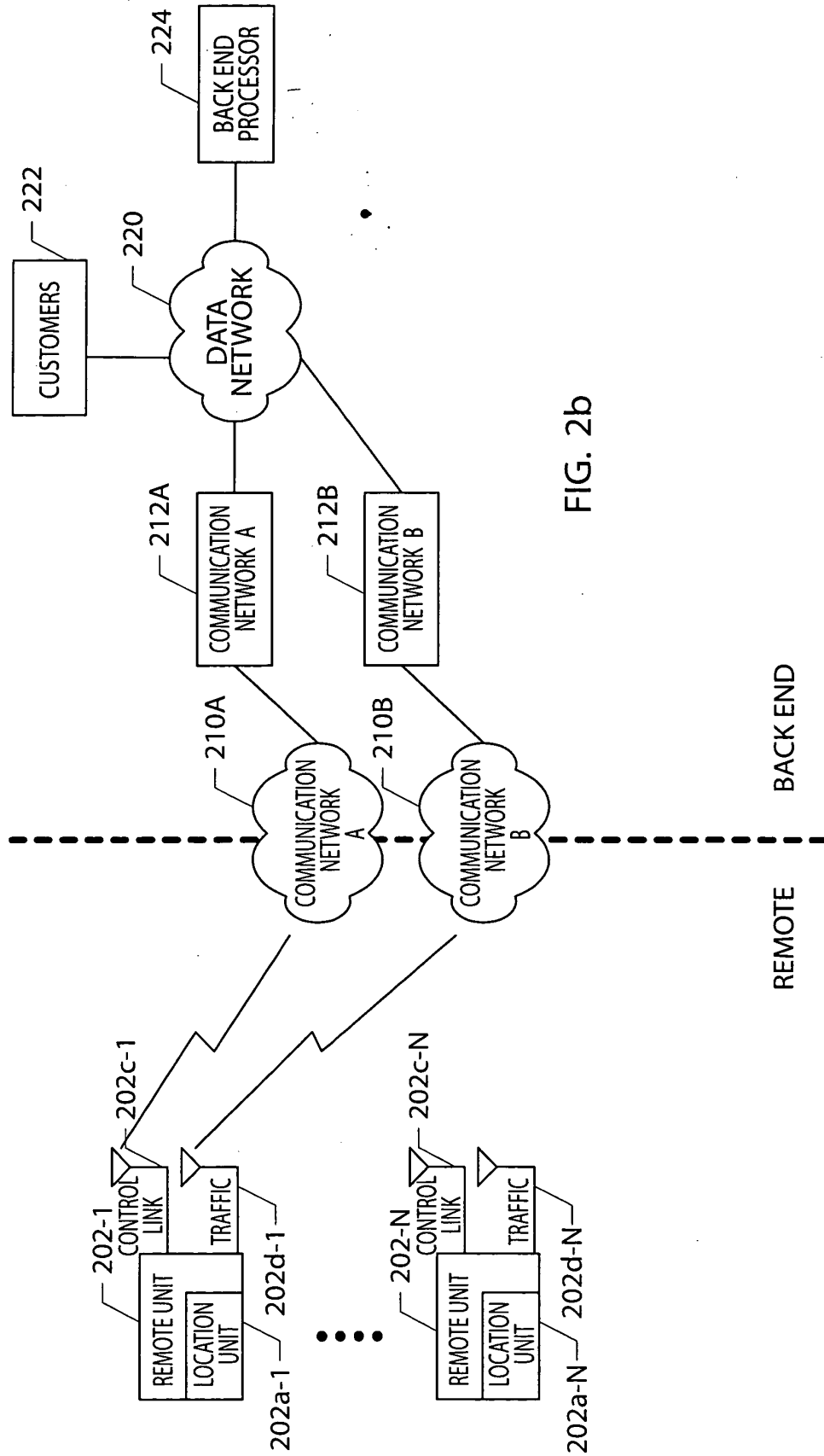
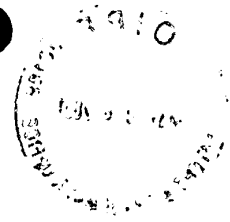


FIG. 2b

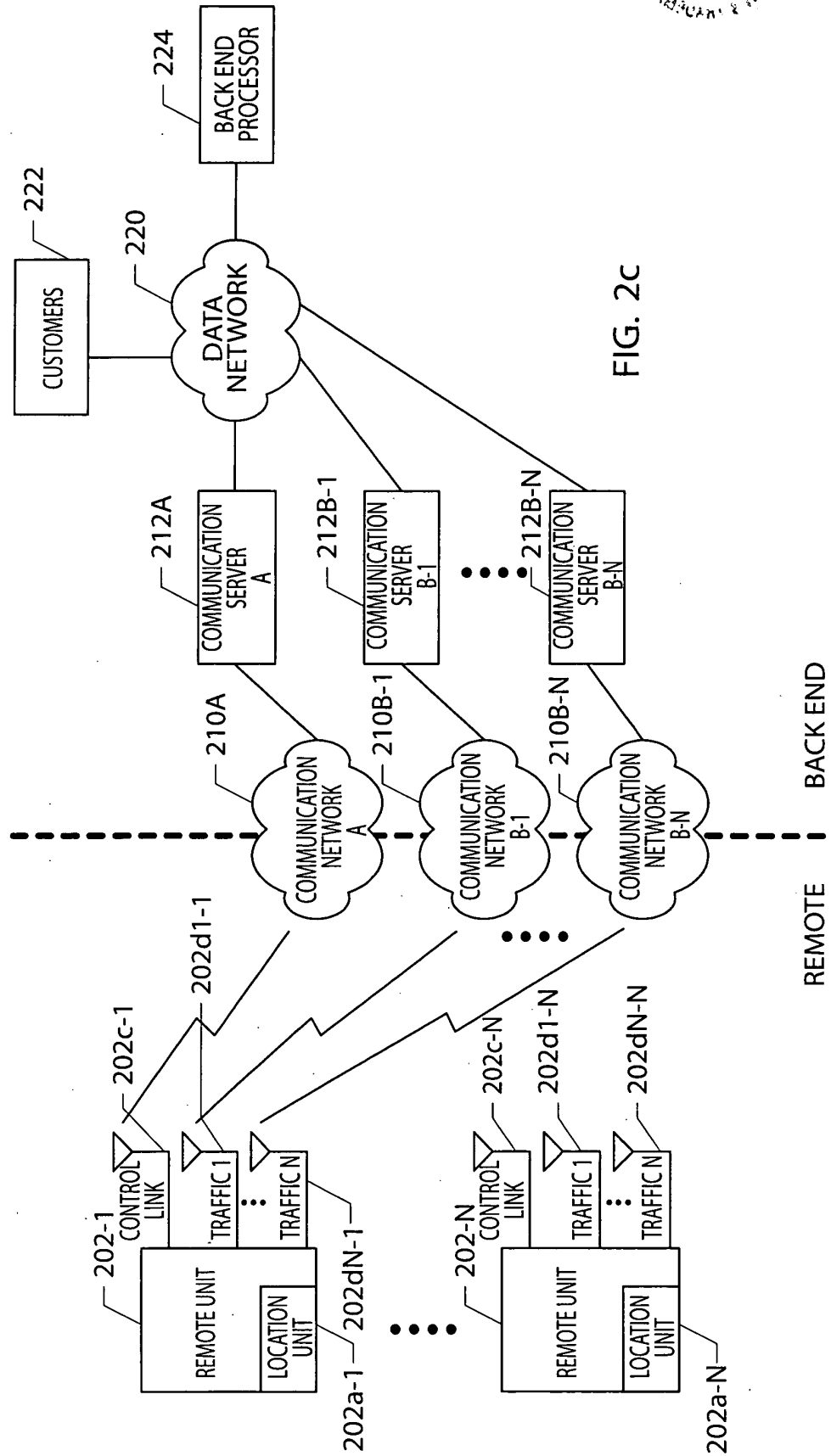
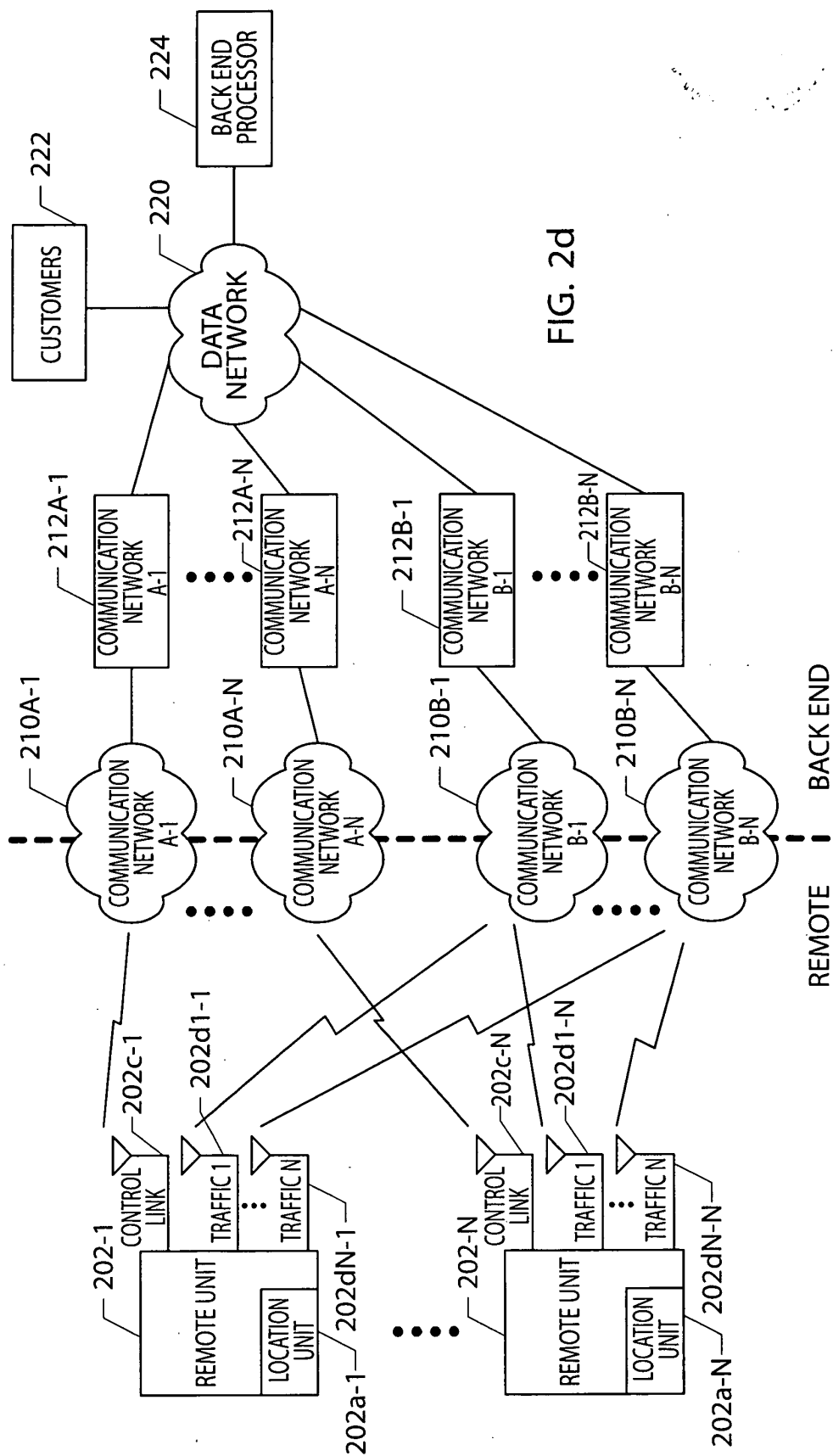


FIG. 2c



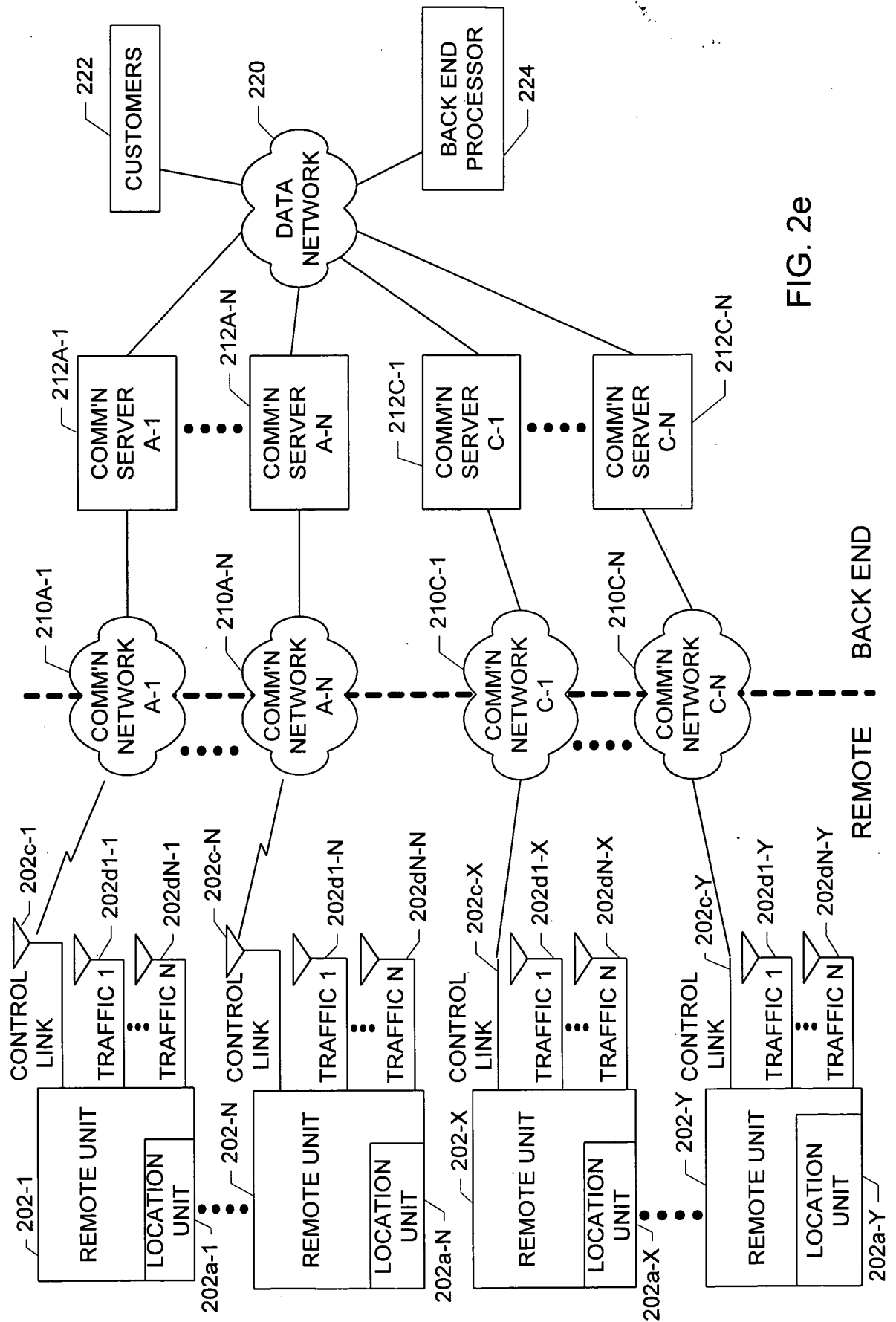


FIG. 2e

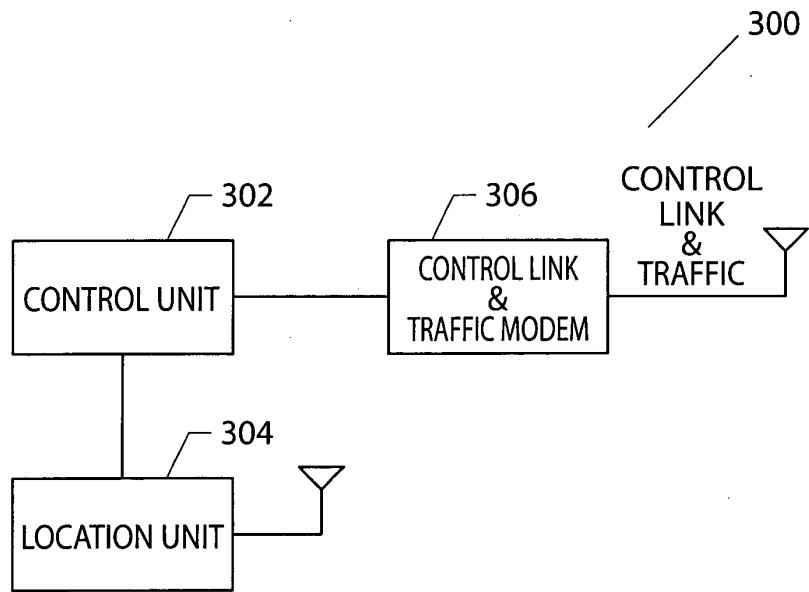


FIG. 3a

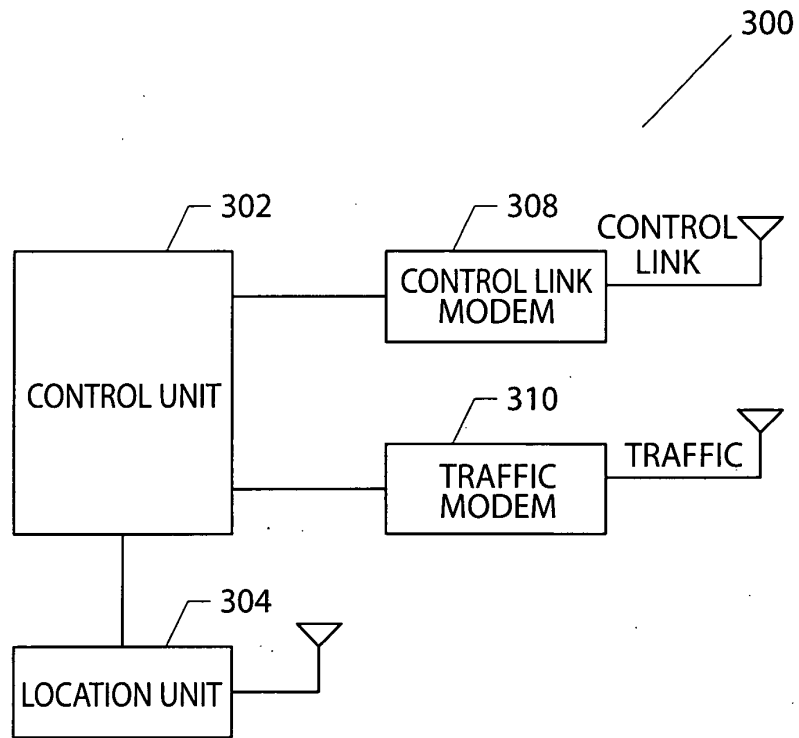


FIG. 3b

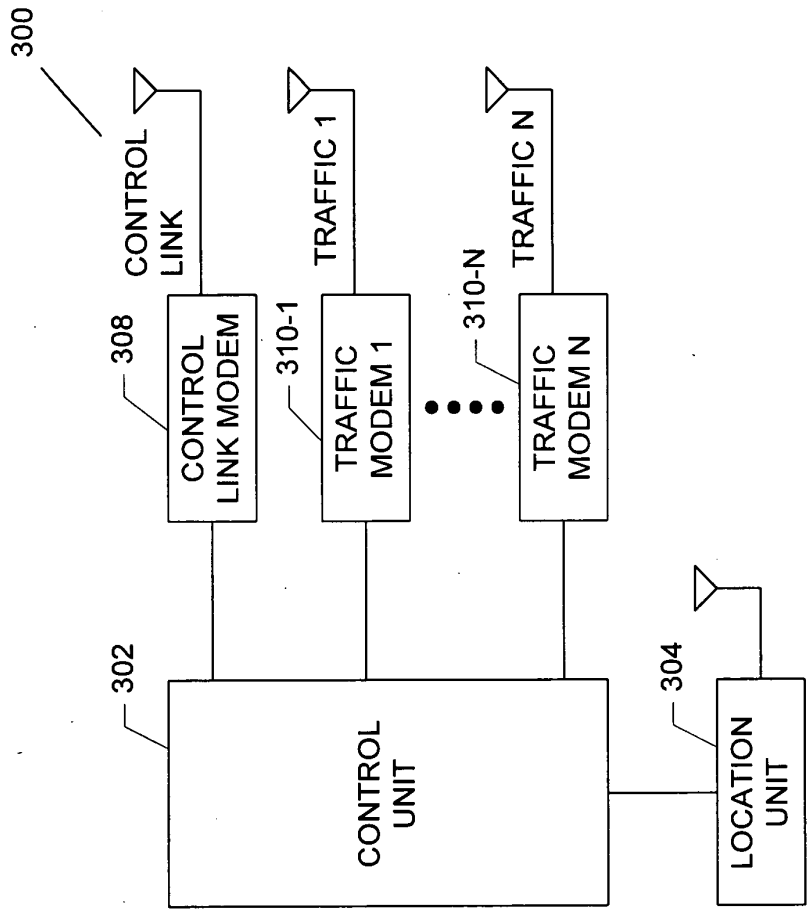


FIG. 3c

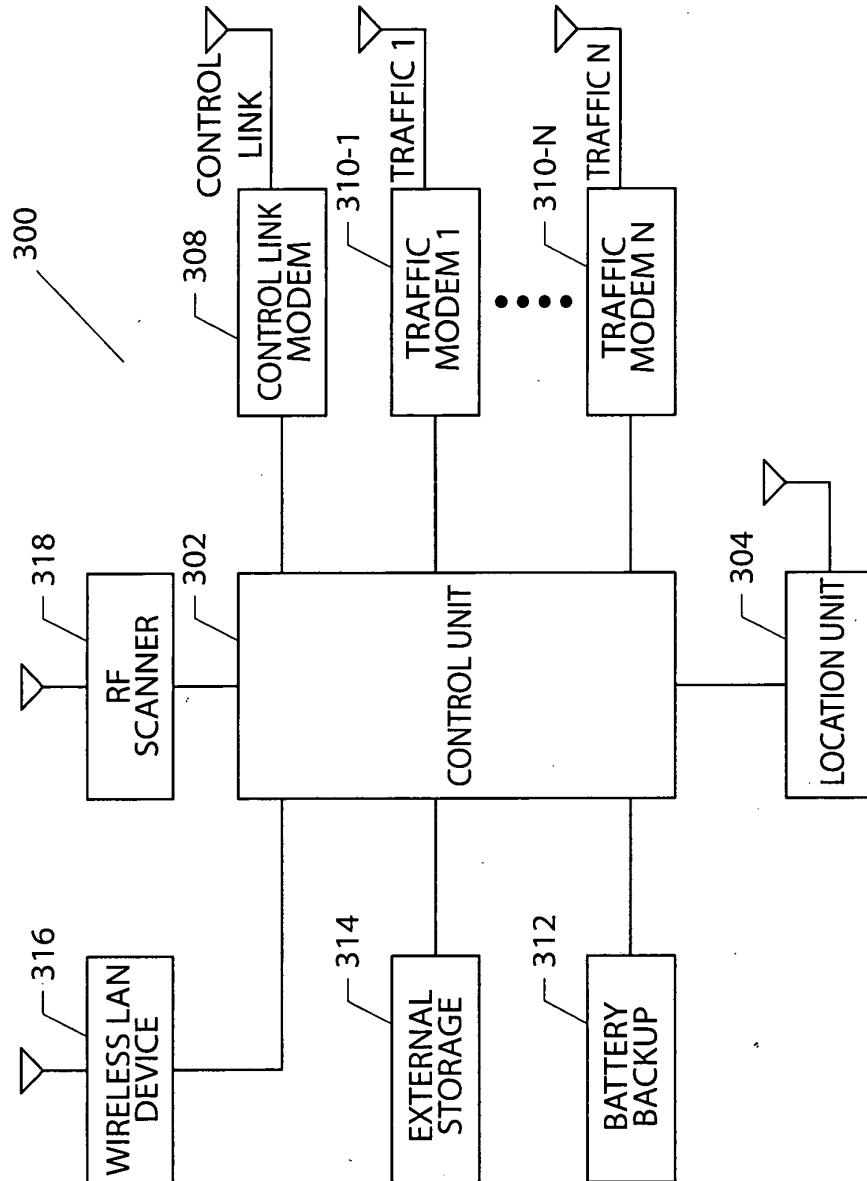


FIG. 3d

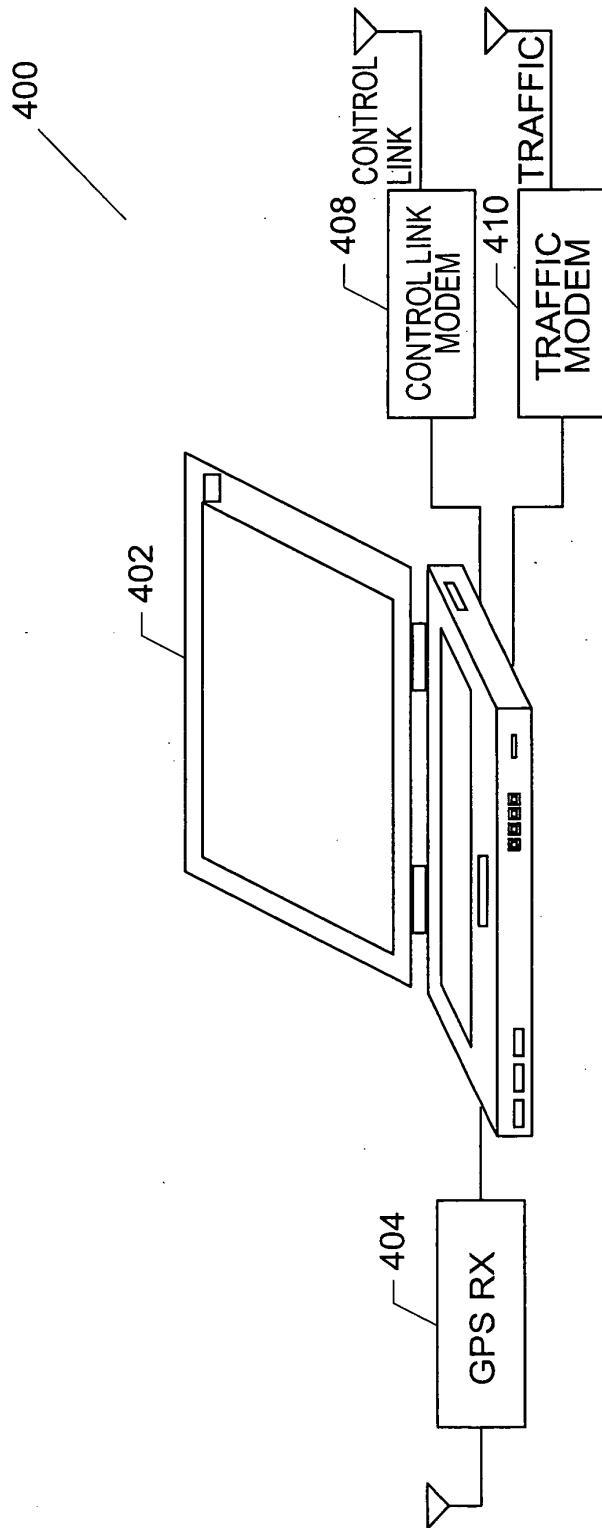


FIG. 4a

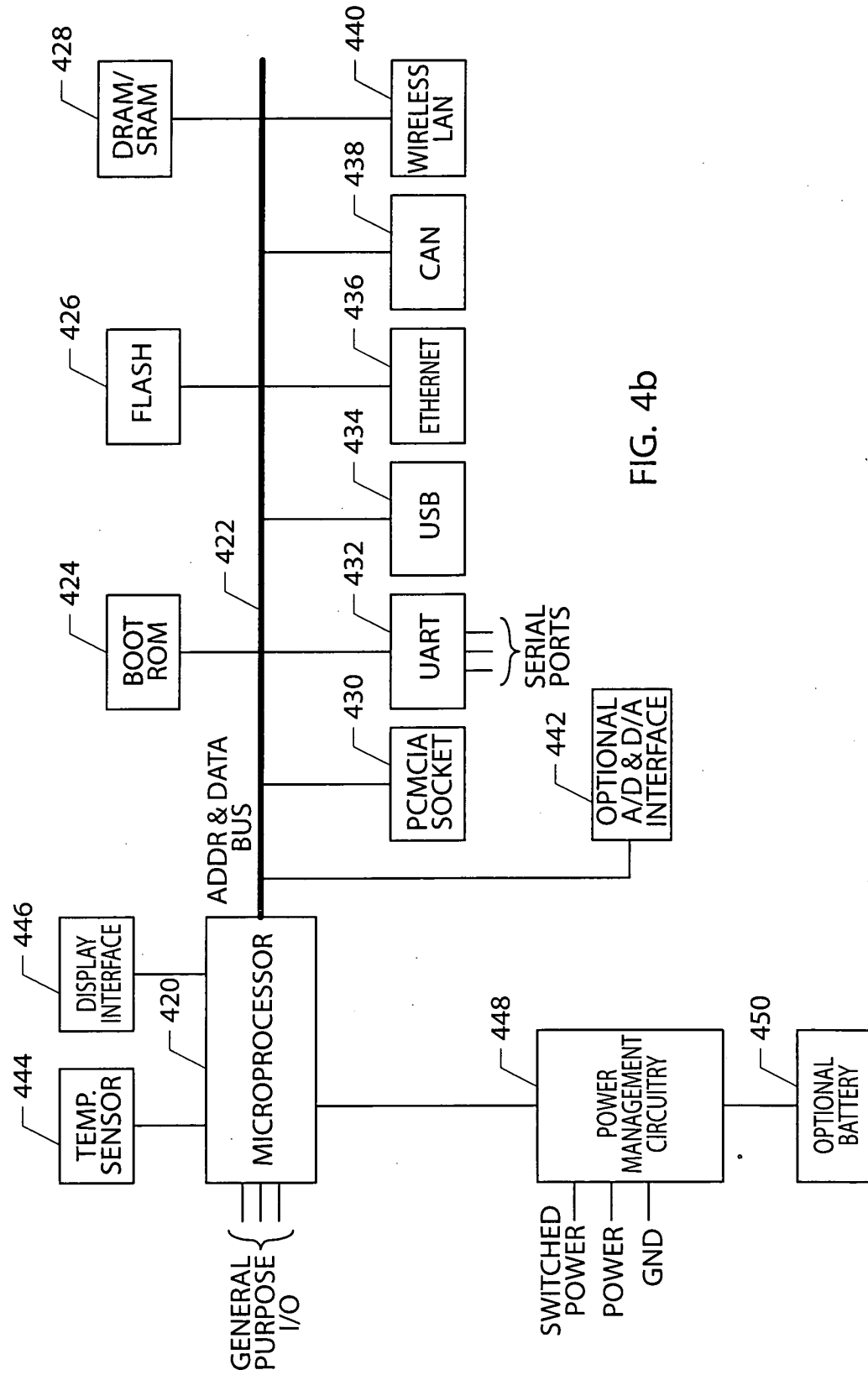


FIG. 4b

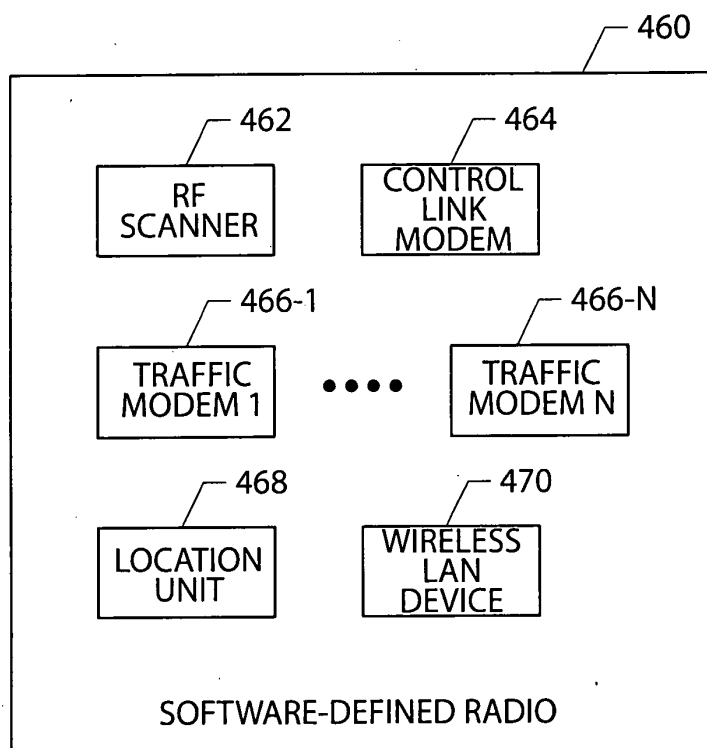
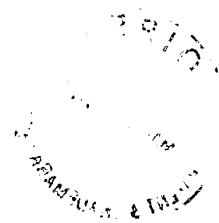
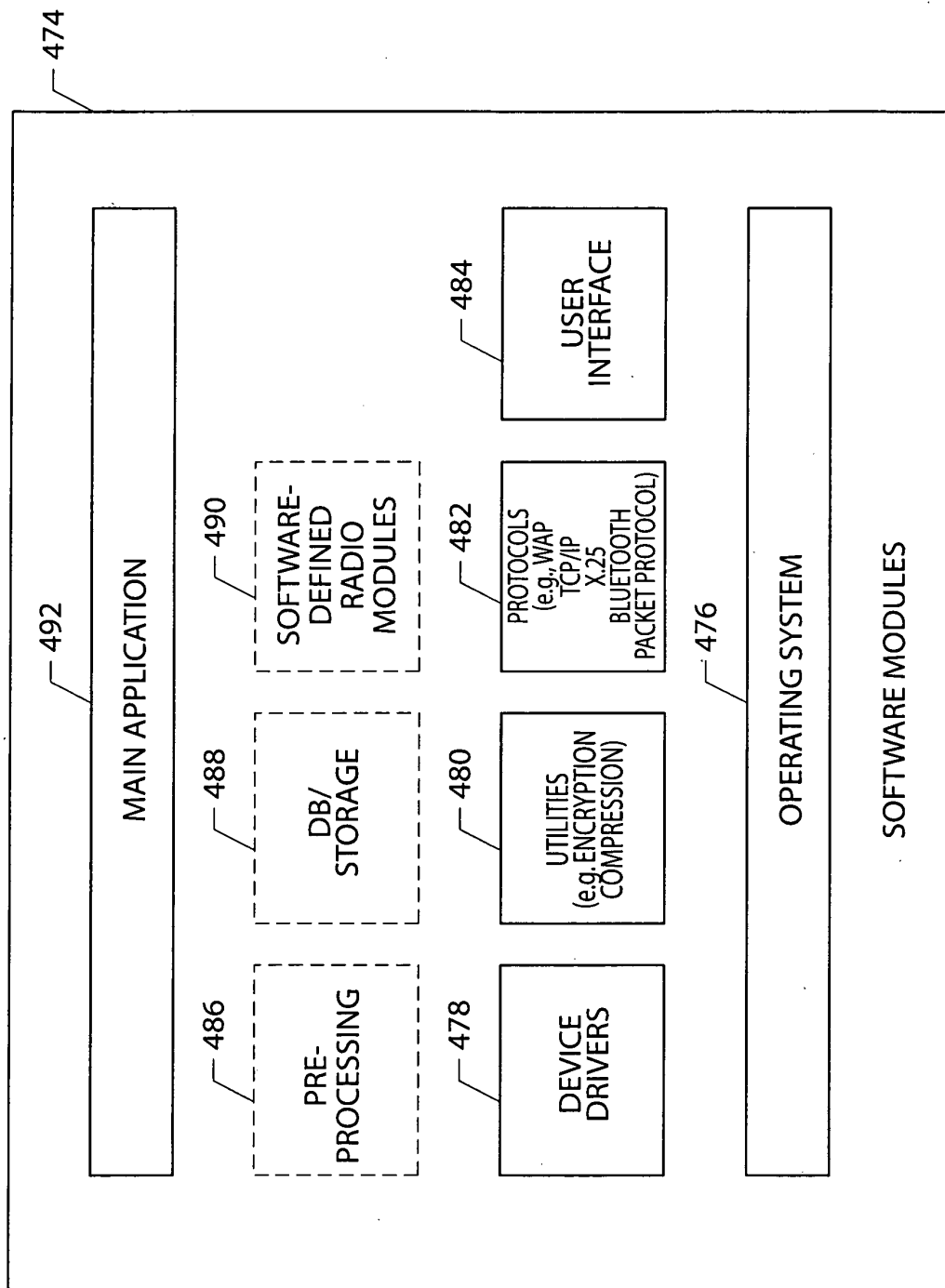


FIG. 4c

FIG. 4d



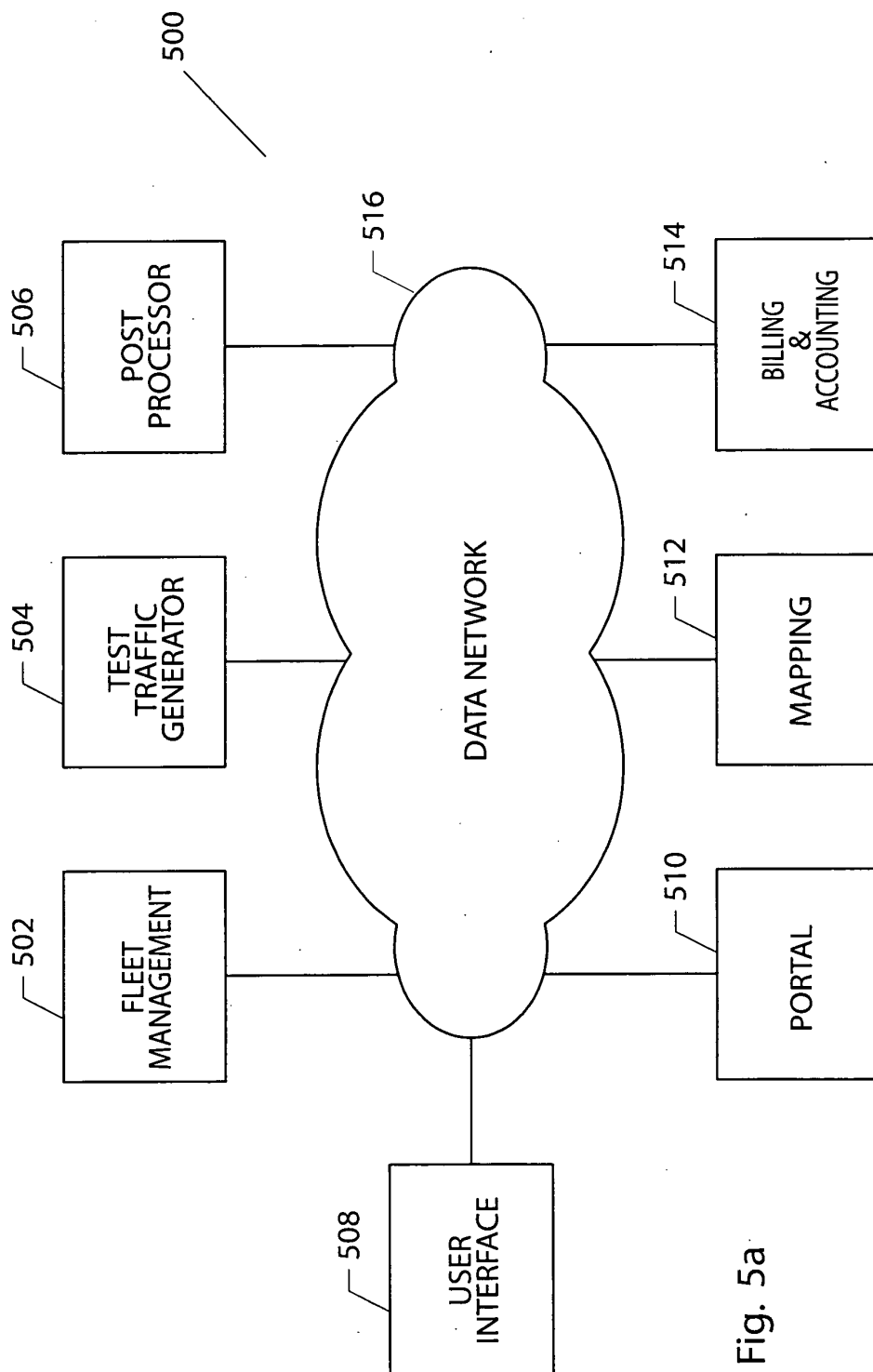


Fig. 5a

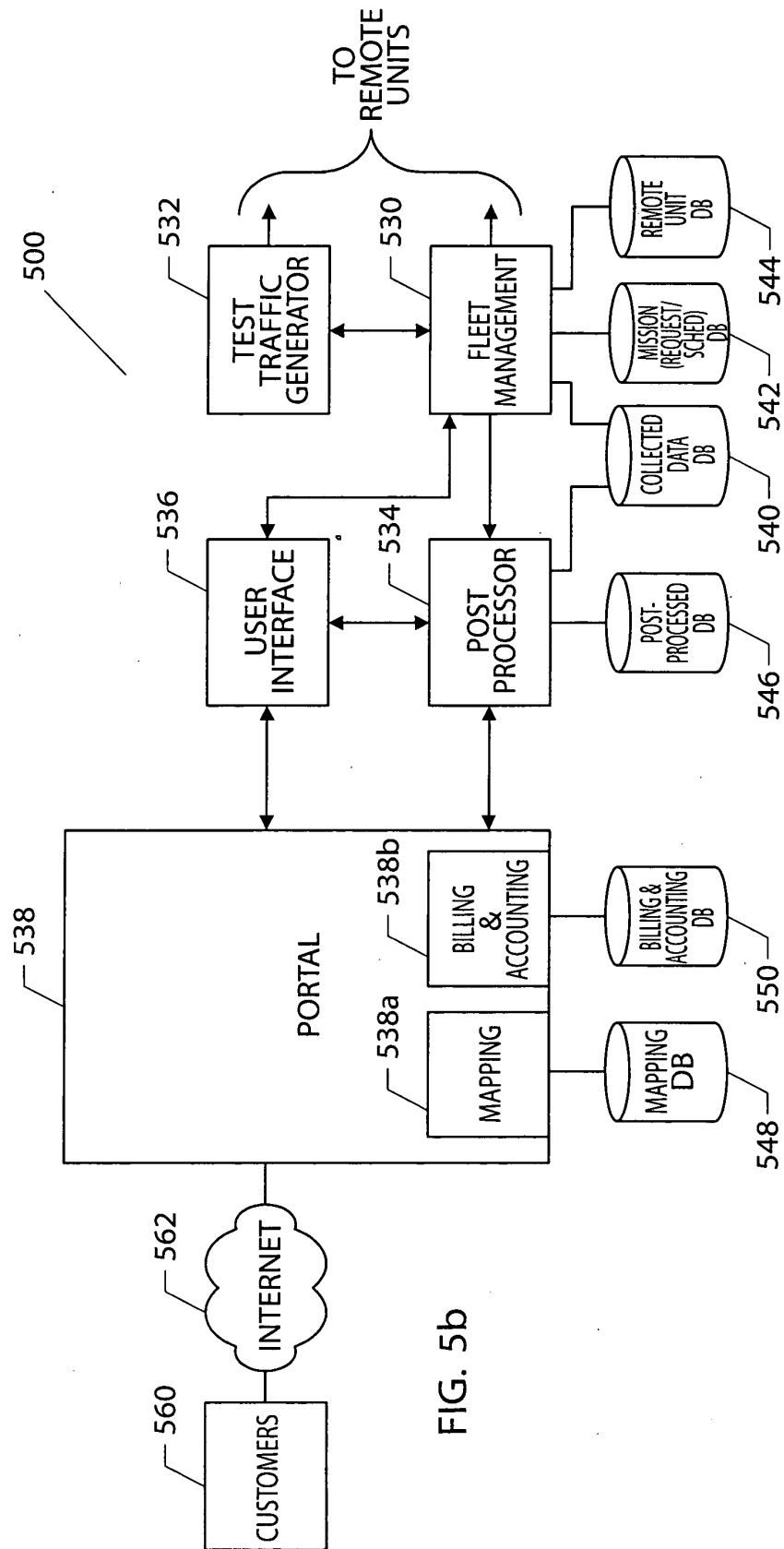


FIG. 5b

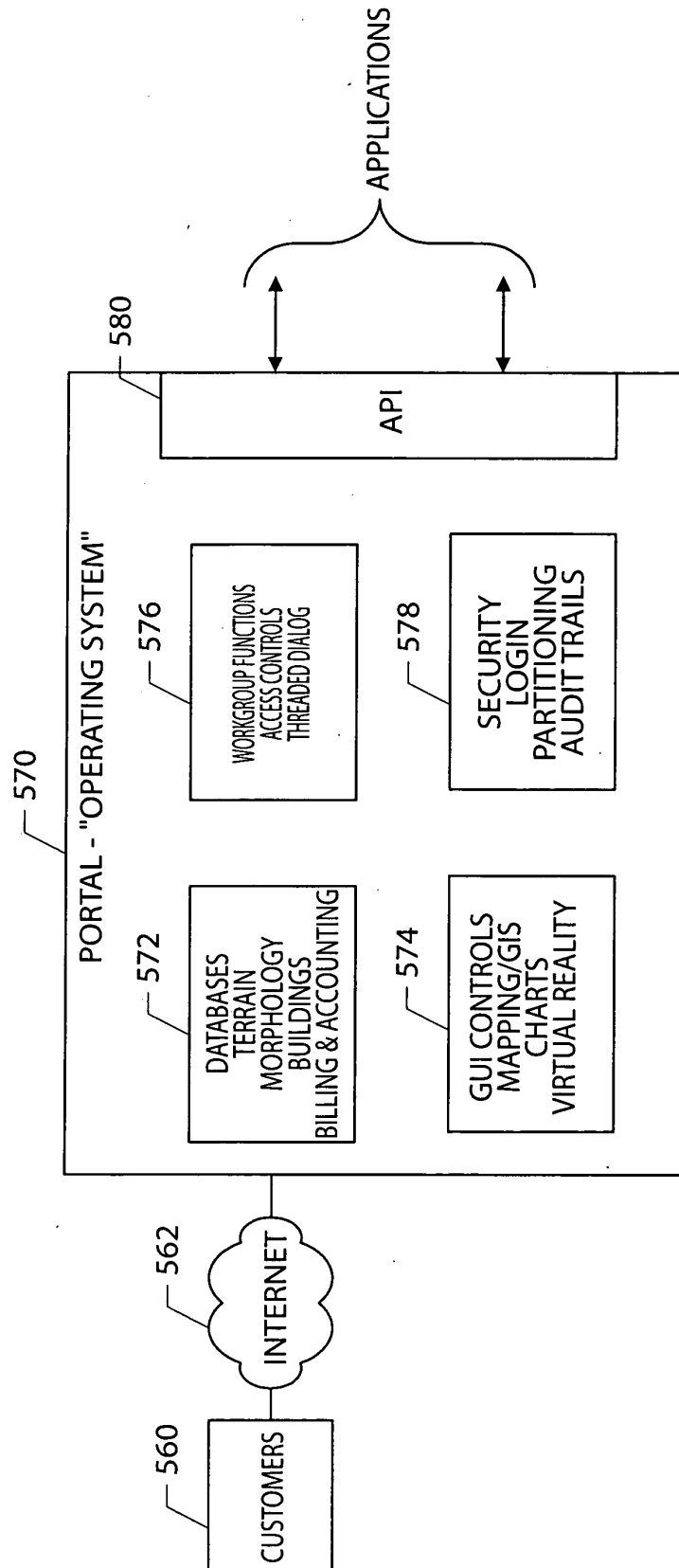


FIG. 5c



610

REMOTE UNIT ORIGINATED PACKET

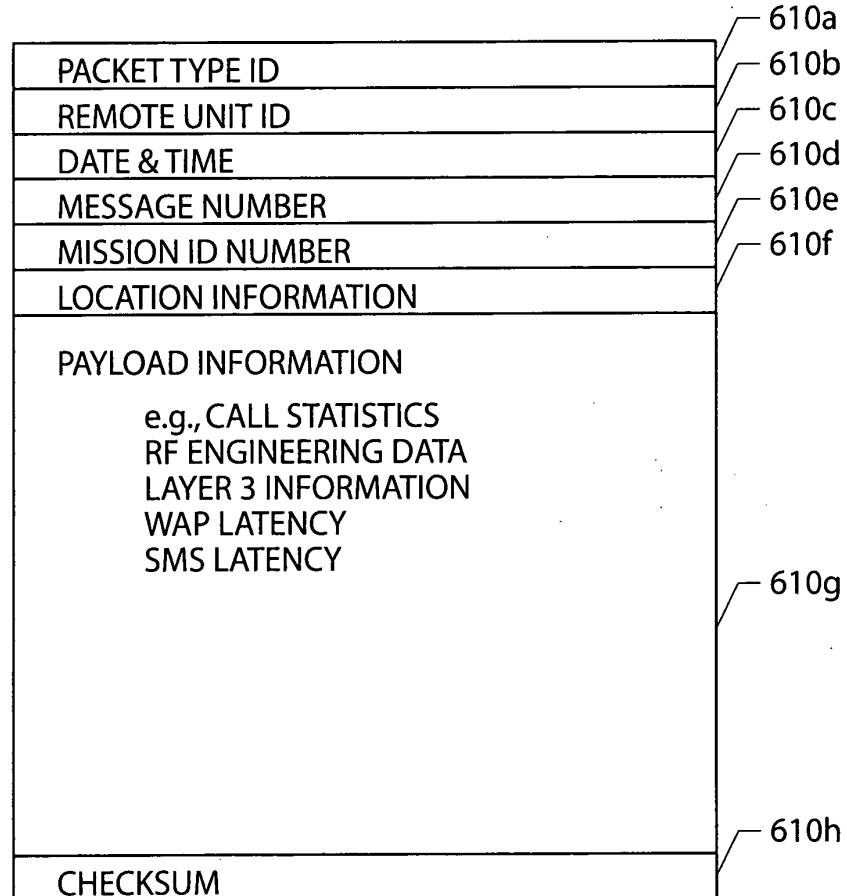


FIG. 6a



620

BACK END PROCESSOR ORIGINATED PACKET

PACKET TYPE ID	620a
REMOTE UNIT ID	620b
DATE & TIME	620c
MESSAGE NUMBER	620d
MISSION ID NUMBER	620e
PAYLOAD INFORMATION e.g., TYPE OF ACCESS (WAP, CKT SWITCH, etc.) TRIGGER - TIME OF CALL (OR RANGE) TRIGGER - LOCATION OF CALL (OR RANGE) WIRELESS SYSTEM TO TEST TARGET PHONE NUMBER OR URL MOBILE OR TERR. ORIGINATED	620f
CHECKSUM	620g

FIG. 6b

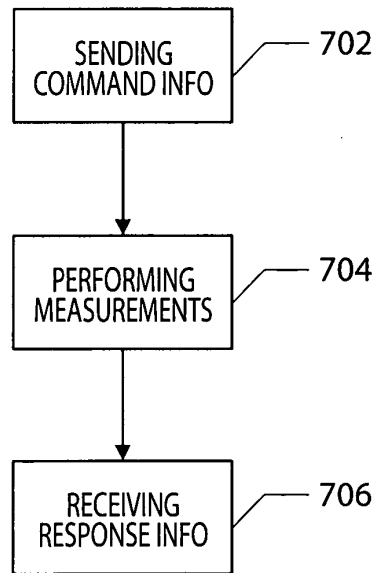


FIG. 7a

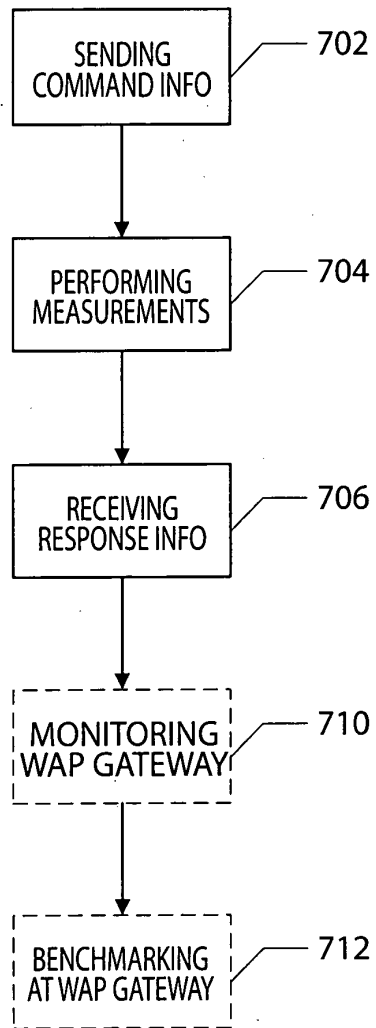


FIG. 7b

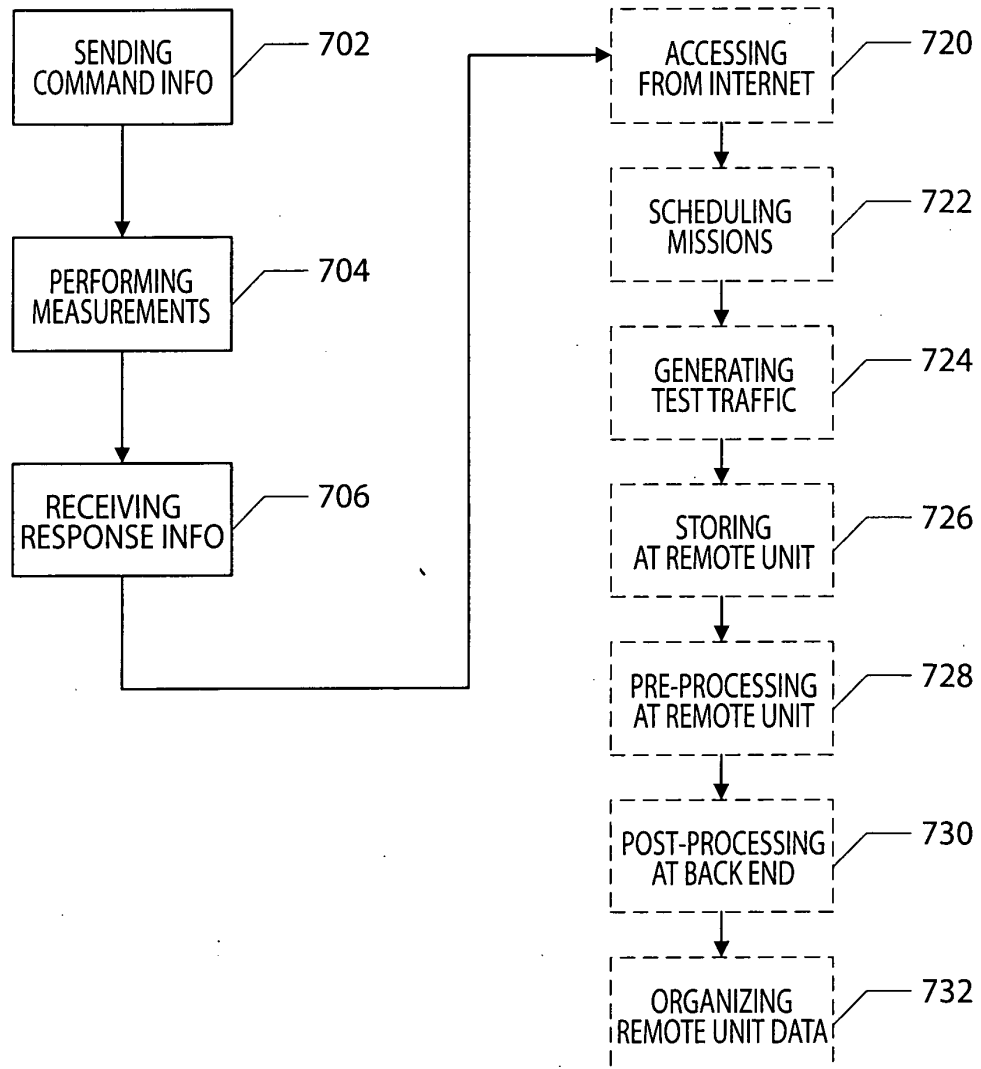


FIG. 7c

SERVICE: COMPARE PORTALS
 REPORT: DOWNLOAD TIME
 BY: CITY
 BY: ALL CARRIERS
 FREQUENCY: 15 MINUTES
 TIME: 6 AM - 12 PM
 PERIOD: 03/01/00 - 03/07/00
 BENCHMARK: PORTAL INDEX
 AOL.COM

30/35



810

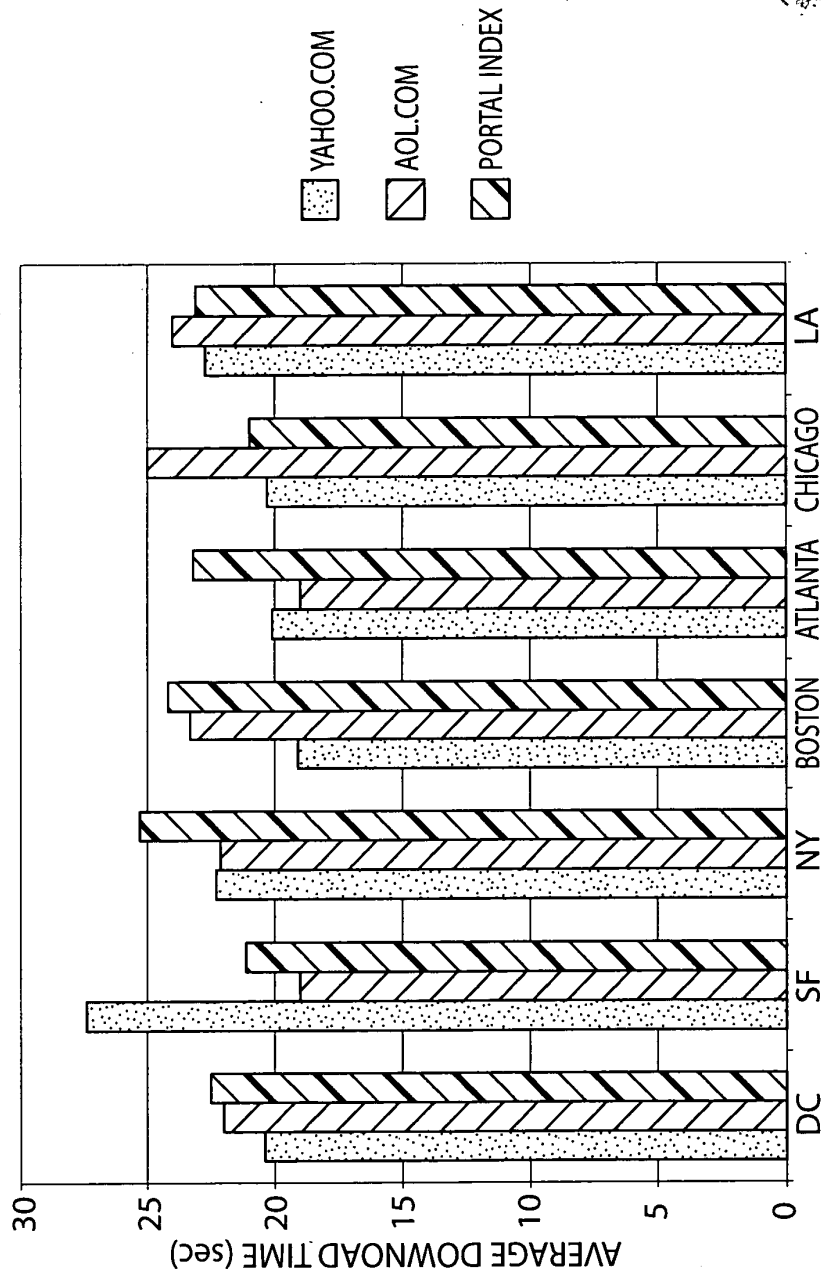


FIG. 8a

820

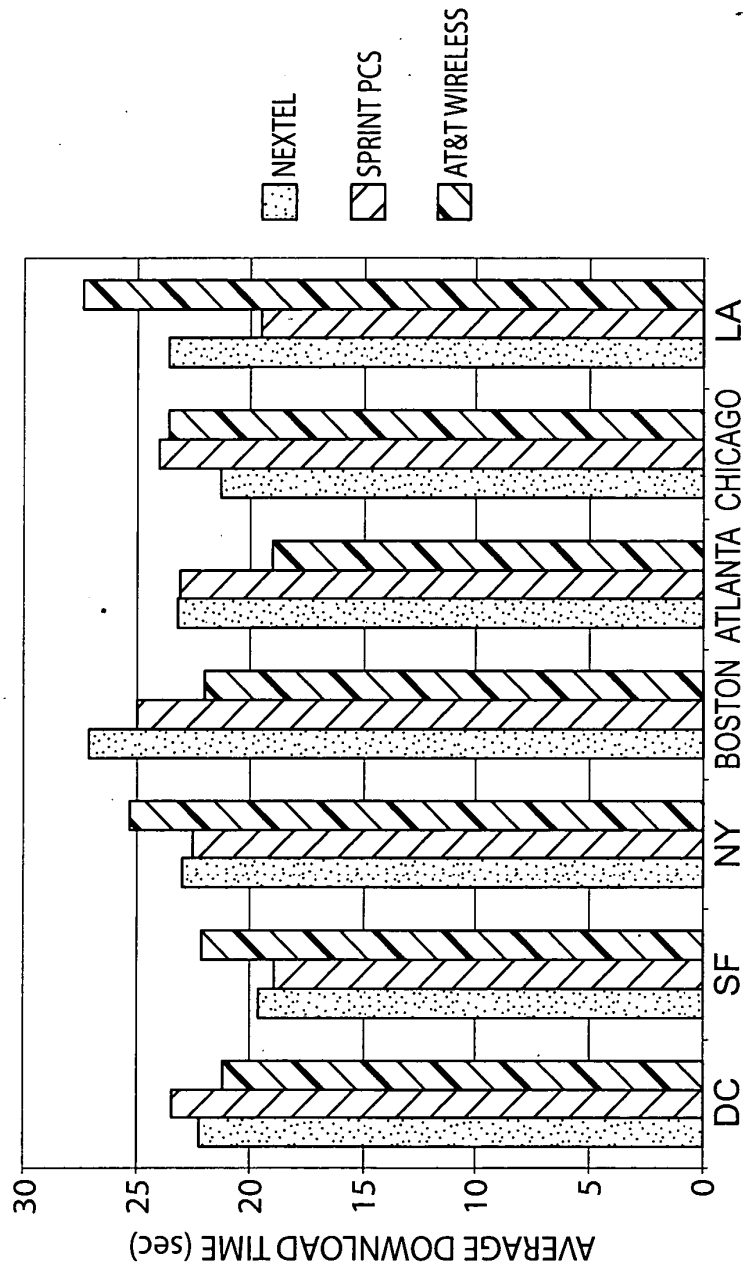


FIG. 8b

URL: YAHOO.COM
 SERVICE: COMPARE WIRELESS OPERATORS
 REPORT: DOWNLOAD TIME
 BY: CITY
 BY: CARRIER
 FREQUENCY: 30 MINUTES
 TIME: 6 AM - 9 PM
 PERIOD: 03/01/00 - 03/07/00

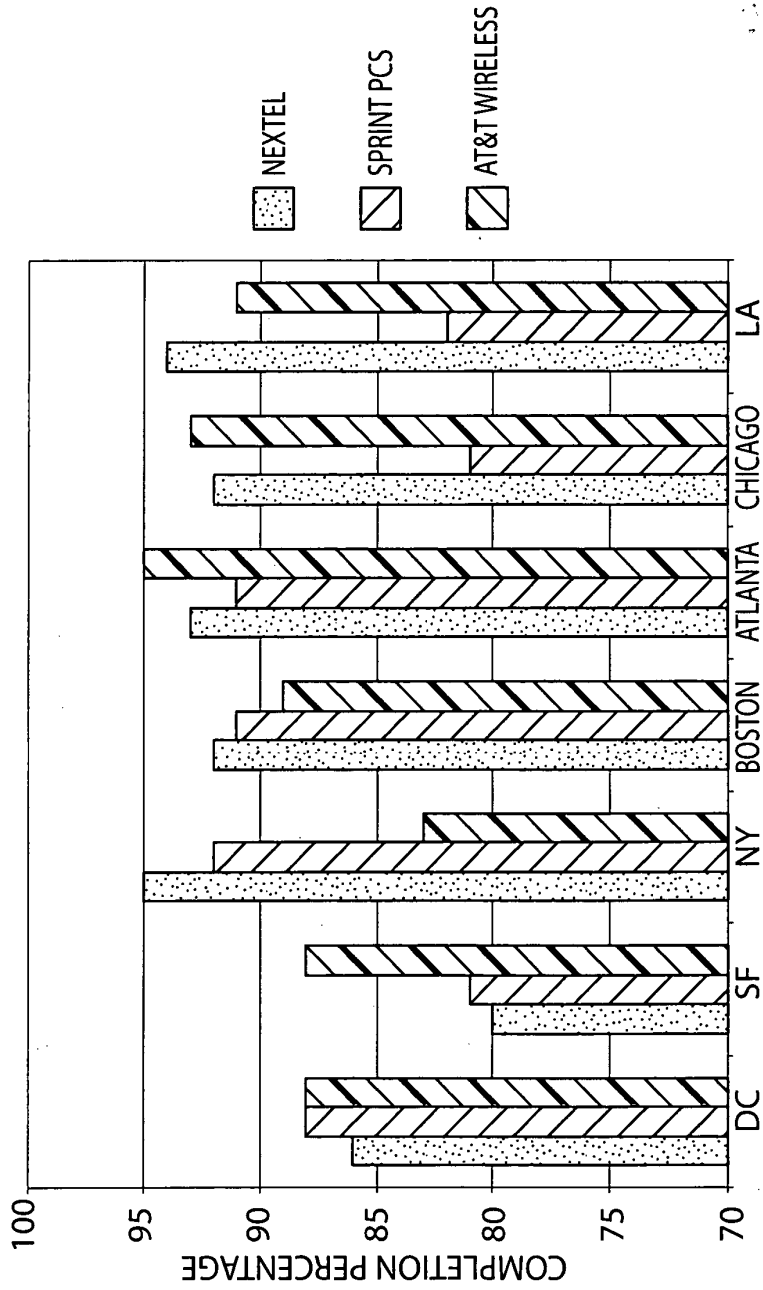


FIG. 8c

URL: YAHOO.COM
 SERVICE: COMPARE WIRELESS
 OPERATORS
 REPORT: COMPLETION PERCENT
 BY: CITY
 BY: CARRIER
 FREQUENCY: 30 MINUTES
 TIME: 6 AM - 9 PM
 PERIOD: 03/01/00 - 03/07/00

URL: YAHOO.COM
 SERVICE: TREND WIRELESS
 OPERATORS
 REPORT: COMPLETION PERCENT
 BY: CITY
 BY: CARRIER
 FREQUENCY: 15 MINUTES
 TIME: 6 AM - 9 PM
 PERIOD: 03/01/00 - 03/07/00

840

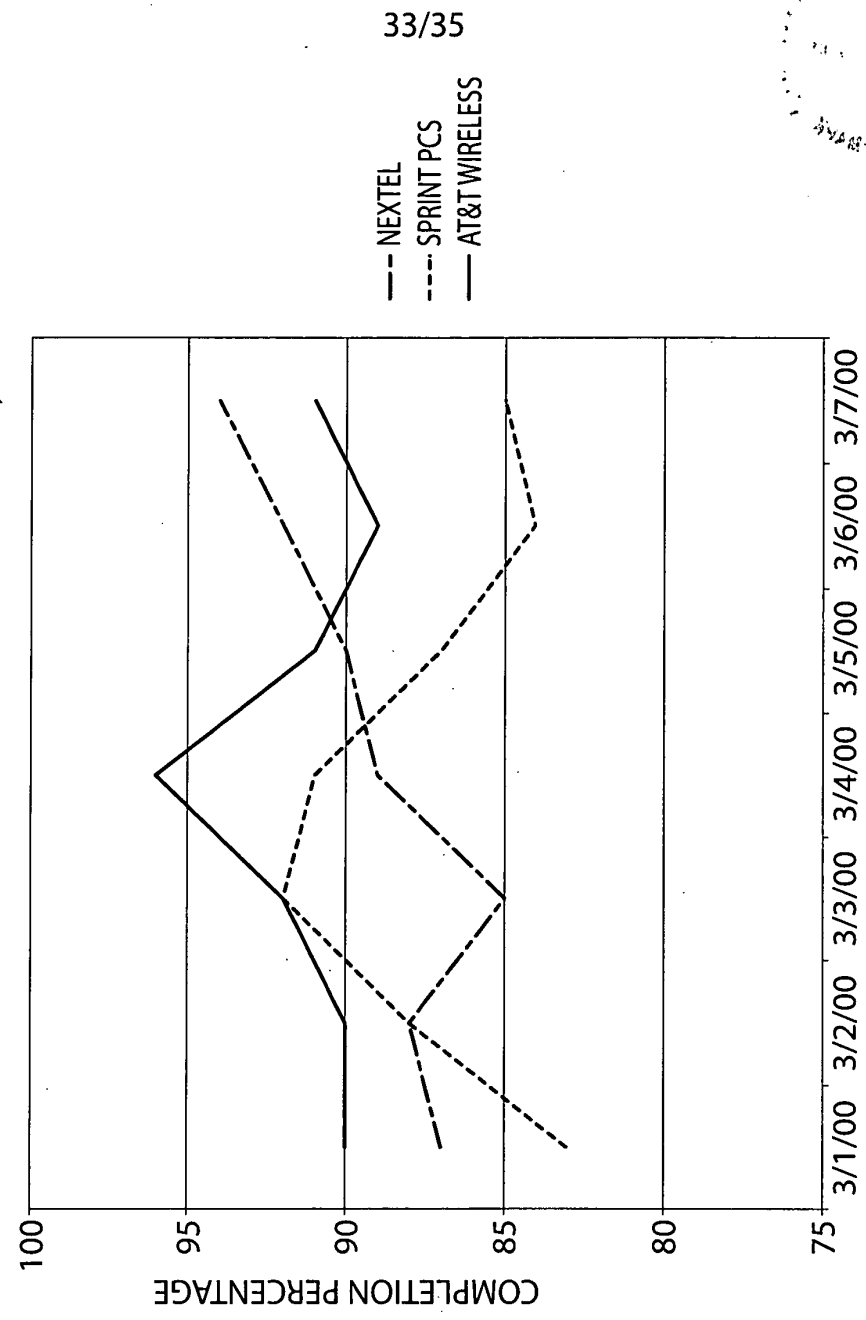


FIG. 8d



850

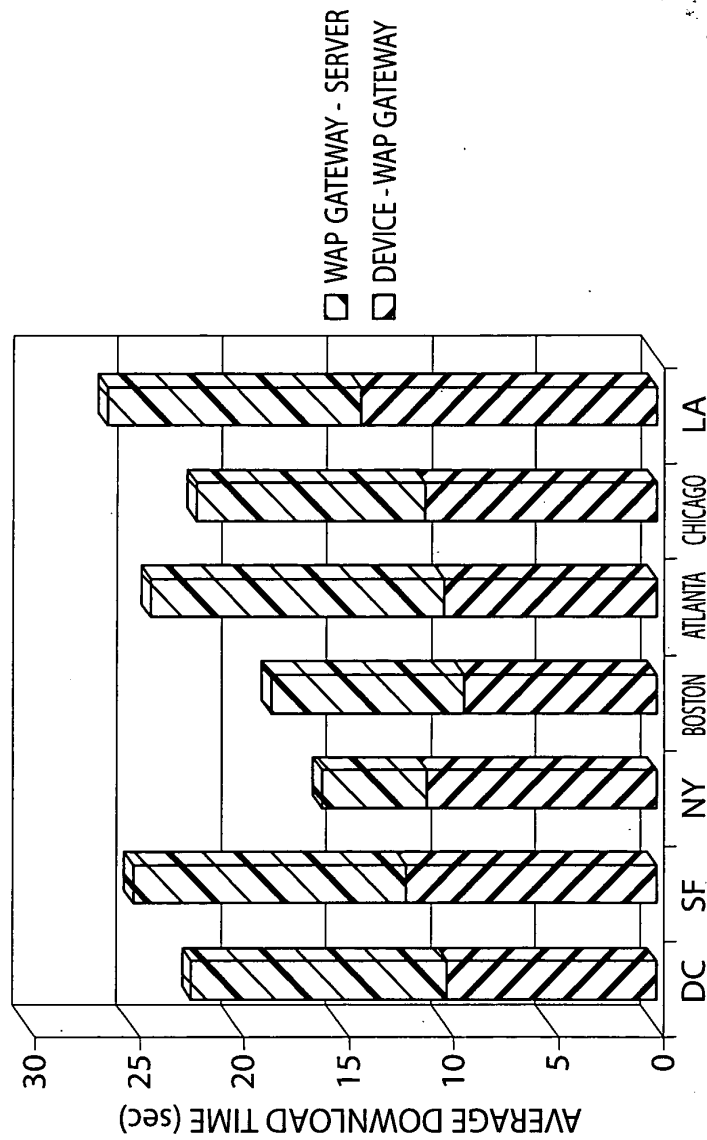


FIG. 8e

URL: YAHOO.COM
 SERVICE: GATEWAY BREAKDOWN
 REPORT: DOWNLOAD TIME
 COMPONENTS 1
 BY: CITY
 CARRIER: NEXTEL
 FREQUENCY: 60 MINUTES
 TIME: 12 PM - 12 PM
 PERIOD: 03/01/00 - 03/07/00

URL: YAHOO.COM
SERVICE: ERROR STATS
REPORT: ERROR REPORT
BY: ALL CITIES
CARRIER: ALL CARRIERS
FREQUENCY: 60 MINUTES
TIME: 12 PM - 12 PM
PERIOD: 03/01/00 - 03/07/00

860

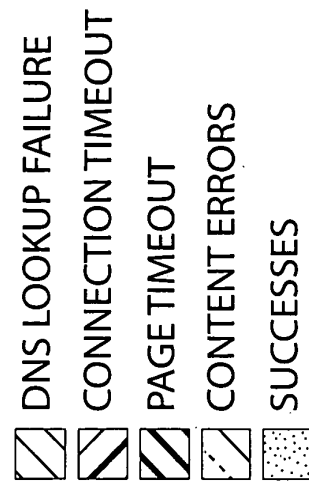
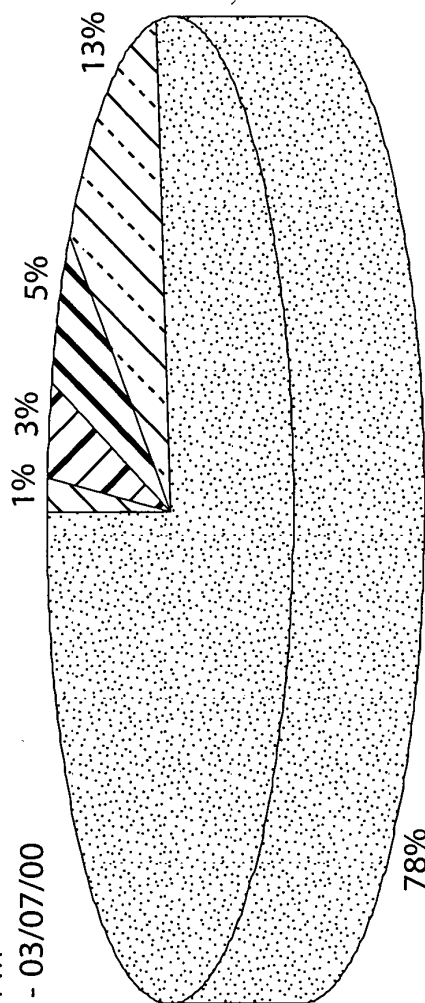


FIG. 8f